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Anti-reflection finishing agent for transparent substrate - comprises polyfluoro-alkylene gp. contg. bis-silane cpd. or (co)polycondensate

Patent Assignee: ASAHI GLASS CO LTD (ASAG)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Main IPC | Week |
|-------------|------|----------|-------------|------|----------|-------------|----------|
| JP 61018901 | A | 19860127 | JP 84138953 | A | 19840706 | | 198610 B |
| JP 92039641 | B | 19920630 | JP 84138953 | A | 19840706 | G02B-001/10 | 199230 |

Priority Applications (No Type Date): JP 84138953 A 19840706

Patent Details:

| Patent | Kind | Lat | Pg | Filing Notes | Application | Patent |
|-------------|------|-----|----|--------------|-------------|-------------|
| JP 61018901 | A | 7 | | | | JP 61018901 |
| JP 92039641 | B | 7 | | Based on | | |

Abstract (Basic): JP 61018901 A

Antireflection finishing agent comprises polyfluoroalkylene-gp.-contg. bis-silane cpd. of formula X₃Si-Rf-SiX₃ (I) or its polycondensate or co-polycondensate with other silane cpd. (X is Cl-, R₁O- or R₁C(O)O-, with the proviso that R₁ is lower alkyl; and Rf is polyfluoroalkylene gp. having at least one C_nF_{2n+1} branch in its structure, with the proviso that -(CH₂)_m-, -O-, or/and -S- may also be contained; m is 1-6, and n is 1-3).

USE/ADVANTAGE - Anti-reflection finishing agent is used for surface treatment of lenses, window glass, or other transparent substrates made of glass or plastics. (7pp Dwg.No.0/0)

Title Terms: ANTI; REFLECT; FINISH; AGENT; TRANSPARENT; SUBSTRATE; COMPRISE; ; POLY; FLUORO; ALKYLENE; GROUP; CONTAIN; DI; SILANE; COMPOUND; CO; POLYCONDENSATION

Derwent Class: A26; A82; E11; G02; P81

International Patent Class (Main): G02B-001/10

International Patent Class (Additional): C03C-017/30; C07F-007/08; C08J-007/04; C09D-003/82; C09D-005/00

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): A06-A00E1; A12-B01C; A12-L02A; A12-R04; E05-E02D; G02-A05

Plasdoc Codes (KS): 0004 0210 0231 1305 1306 1971 2152 2172 2394 2437 3317 2592 2595 2726 3267 2827 3310

Polymer Fragment Codes (PF):

001 014 038 04- 05- 062 064 229 344 346 355 38- 402 417 431 443 477 516 521 523 546 55- 57& 613 615 649 672

Chemical Fragment Codes (M3):

01 B414 B713 B720 B742 B752 B793 B799 B832 C017 H581 H582 H598 H599 H6 H601 H607 H609 H681 H682 H683 H684 H685 H689 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M231 M232 M233 M262 M272 M280 M283 M311 M312 M313 M314 M315 M316 M321 M322 M332 M333 M334 M344 M361 M362 M391 M392 M411 M510 M520 M530 M540 M620 M781 M903 Q140 Q332 Q452 R023 R043